

H06-004-02

HOBO Motor On/Off AC Field Data Logger



Discontinued

Magnetic field intensities fall off rapidly with increasing distance from their source (motor, transformer, or even a single wire carrying a large AC current), requiring the data logger to be mounted very close to (ideally directly on) the field source, making interference from other sources less likely. Magnetic field intensities fall off rapidly with increasing distance from their source (motor, transformer, or even a single wire carrying a large AC current), requiring the data logger to be mounted very close to (ideally directly on) the field source, making interference from other sources less...

Important Information

This product is compatible with Boxcar, which is discontinued. However, users of our legacy products can still download the unsupported free version below:



Compatible with
BoxCar

[View upgrade options](#)

Supported Measurements

Motor On/Off

Features

- Time resolution: 0.5 second
- Time accuracy: ± 1 minute per week at $+20^{\circ}\text{C}$ ($+68^{\circ}\text{F}$)
- Programmable start time/date
- Battery check at launch
- Blinking LED lights show current state
- Memory modes: stop when full, wrap-around when full
- Full logger downloads in just 90 seconds
- Nonvolatile EEPROM memory retains data even if battery fails
- User-replaceable battery lasts one year
- Mounting kit included (hook/loop, magnet, and tape)
- Drop-proof to 5 feet
- One-year warranty

Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email sales@onsetcomp.com
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

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470 MacArthur Boulevard
Bourne, MA 02532

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support www.onsetcomp.com/support/contact
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

HOBO Motor On/Off AC Field Data Logger (H06-004-02) Specifications

Minimum state duration: 0.5 seconds

Time accuracy: approx. ± 1 minute per week (± 100 ppm at +68°F), accuracy detail shown in Plot

Capacity: 2,000 state changes (requires 8K of memory in HOBO Shuttle to fully offload)

Operating temperature: -4°F to +158°F (-20°C to +70°C)

Relative humidity range: 0 to 95%, non-condensing, non-fogging

Size/weight: 2.4" x 1.9" x 0.8"/approximately 1 oz.

Battery: CR-2032 (lithium); provides one year of continuous use; user-replaceable

Storage temperature: -40°F to +167°F (-40°C to +75°C)

AC magnetic-field threshold: approximately 2 Gauss at 60 Hz. Position the logger such that its green LED blinks when the motor is on.